

Snowdonia National Park

Forecast valid from 00:00 on Friday 13 Jan 2023 until 23:59 on Saturday 14 Jan 2023

Forecast Issued on Thursday 12 Jan 2023 at 16:31

Confidence: High for unsettled for much of the period, also for turning to a colder more sheltered northerly for Monday, but lowering confidence for detail of timing and intensity of worst of weather due to the mobile nature of the westerly flow before Monday, also for Tuesdays detail.

Headline for Friday 13 Jan 2023: Occasional morning showers, turning drier, bright into afternoon, then rain, snow developing for evening. Early severe gales.

Mountain weather hazards on Friday 13 Jan 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
Low Likelihood

Gales
Medium Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Light snow	Light snow	Light snow	Light snow	Light snow showers	Light snow	Sleet	Heavy Rain
Precipitation probability							
70%	60%	40%	40%	40%	40%	30%	80%

Forecast for Friday 13 Jan 2023

Weather: Showers frequent at first overnight, easing to occasional before dawn. A rather cloudy morning with occasional showers, then becoming drier and brighter for the afternoon. Band of rain, and initial summit snow, extending from the west for the evening. Snow level 700-800m lifting above all peaks from mid-evening.

Chance of cloud-free hill tops above 800m: For any specific time 70% during the morning and 85% for the afternoon, but low for extended periods given the showery nature of the flow.

Low Cloud and visibility: Good becoming moderate or poor in rain, very poor in snow and within cloud with bases mostly above the peaks by day, frequently lowering 500-700m during the morning, chiefly when showers push through, less so for the afternoon.

Forecast for Friday 13 Jan 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	58/70 W	49/61 W	46/56 W	43/53 W	40/50 W	32/40 W	28/35 SW	41/51 SW	33/44 SW
600	42/52 W	33/43 W	32/42 W	30/39 W	29/38 W	22/30 W	20/28 SW	28/38 SW	24/34 SW
300	27/46 W	22/39 W	22/39 W	20/35 W	20/34 W	15/26 W	12/24 SW	17/33 SW	14/28 SW
Valley	27/47 W	23/39 W	23/40 W	21/36 W	20/35 W	15/26 W	12/24 SW	17/32 SW	15/29 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-0/-11	1/-9	1/-8	1/-8	0/-8	0/-8	0/-7	2/-5	3/-4
600	2/-6	3/-4	3/-4	3/-4	3/-4	3/-3	3/-3	5/-2	5/-1
300	5/-1	6/0	5/0	5/0	5/0	6/1	5/1	7/2	7/3
Valley	6/1	7/2	7/2	7/2	7/2	7/3	6/3	8/4	8/4
Freezing Level*	900m	1000m	1000m	1000m	900m	800m	900m	1300m	1500m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Risk of storm force winds at first overnight across most exposed ridges and summits.

Forecast for Saturday 14 Jan 2023

Weather: An overcast start with periods of rain that frequently turn heavy through to mid-day. This clears from afternoon as a mix of brighter spells and showers feed erratically from the west. Snow level lowering to 900m by noon then 500m in showers later in the day.

Maximum wind: West or southwest mean 35-40mph with gusts reaching 60mph across most exposed ridges and summits.

Chance of cloud-free hill tops above 800m: Virtually nil, becoming 75% from late afternoon

Low Cloud and visibility: Moderate or poor in rain, very poor in snow and within cloud with bases extensive from 500-700m, improving for the afternoon.

Temperature: **Valleys:** Plus 2 Celsius increasing 10 Celsius during the afternoon
At 800m: Plus 4 Celsius decreasing Minus 1 Celsius
Freezing level: 1500m decreasing 700m

Ground Conditions Supplement

Please see - <https://snowdonia.gov.wales/visit/snowdon/yr-wyddfa-ground-conditions-reports/>

Issued at: 1631 on Thu 12 Jan 2023